

ECON1078-100 Math Tools for Economists
Summer 2008

Instructor: Po-Lu Chen
Class Meeting Times: MTWRF 2:30-4:05 @ ECON 117
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Office Hours: TWR 4:10-5:00 PM AND by appointment

Course Description and Objectives:

The goal of this course is to provide students the basic mathematical tools needed for business and economics. The materials covered in this course include: rules of algebra, solving linear and nonlinear equations, essentials of set theory, and functions. For a complete list of topics see the course schedule that follows.

Textbook:

Essential Mathematics for Economic Analysis, 2nd edition, by Knut Sydsaeter, and Peter Hammond. You will also use this book for ECON1088. Since you can always refresh your knowledge of algebra and calculus by referring to this book, keeping it as a reference book for your undergraduate courses is *REQUIRED*.

Calculator Note:

During the exam, you are allowed to use a calculator that can do basic mathematical functions. These include exponentials, logarithms, radicals, and factorials (\log , \ln , e^x , n and $x!$). Any basic scientific calculator will perform these functions. You CANNOT use a graphing calculator on the exam.

Grading:

(10%) In-class assignments
(25%) Midterm1
(25%) Midterm2
(40%) Final (Cumulative)

100-90%	A
89-80%	B
79-70%	C
69-60%	D
59&below	F

In-class Assignments:

I will randomly give you in-class assignments during the class. Each one has the same weight. The lowest one will be dropped.

Problem Sets:

There will be some problem sets for this class. The problem sets will be posted on CULearn. You do

conflicts with scheduled exams, assignments or required attendance. Please notify me as soon as possible so that the proper arrangements can be made. Students can see full details at